

### REMARKS

Claims 1-31 and 33-53 are pending, with claims 1, 26, 48-51, and 53 being independent. Applicant thanks the Examiner for the indication that claims 49-53 are allowed and claims 7, 10, 12, 32, 35, and 37 are allowable.

Additionally, the undersigned thanks the Examiner for discussing the amendments presented in this amendment during the interview on June 20, 2005. During that interview, the Examiner indicated that the proposed amendments would place the application in condition for allowance. For this reason, entry of this amendment is believed proper under 37 CFR §1.116 and MPEP §714.13. The foregoing amendments were not earlier presented because it was earnestly believed that the claims on file were already in condition for allowance.

Claims 1-6, 8, 9, 11, 13-31, 33, 34, 36, and 38-48 were rejected as being obvious over U.S. Patent No. 6,298,449 (Carter) in view of U.S. Patent No. 6,738,781 (Fowler). Applicant requests withdrawal of this rejection for the reasons provided below.

Applicant has amended claim 1 to incorporate the features of claim 7, which the Examiner indicated was allowable. For this reason and for the additional reasons discussed in the amendment dated May 9, 2005, claim 1 is in condition for allowance. Claims 2-5, 7-9, 11, 22, and 23 have been amended to depend from claim 49, which the Examiner indicated was allowable. For this reason, claims 2-12 and 22-24 are in condition for allowance. Claims 13-21 and 25 depend from claim 1, which is allowable. For this reason, claims 13-21 and 25 are in condition for allowance.

Applicant has amended claim 26 to incorporate the features of claim 32, which the Examiner indicated was allowable. For this reason and for the additional reasons discussed in the amendment dated May 9, 2005, claim 26 is in condition for allowance. Claims 27-30, 33, 46, and 47 have been amended to depend from claim 50, which the Examiner indicated was allowable. For this reason, claims 27-31, 46, and 47 are in condition for allowance. Claim 32 has been canceled. Claims 34, 36, and 38-45 depend from claim 26, which is allowable. For this reason, claims 34-45 are in condition for allowance.

Applicant : Peter Michael Wright et al.  
Serial No. : 09/835,398  
Filed : April 17, 2001  
Page : 14 of 14

Attorney's Docket No.: 08215-415001 / P03-026035

Applicant has amended claim 48 to recite that the power system interface circuit is "for communicating with power system components used for the distribution or dissemination of electric power in the power system." As discussed during the interview on June 20, 2005, and for the additional reasons provided in the amendment dated May 9, 2005, claim 48 is in condition for allowance.

Please apply any charges or credits to deposit account 06-1050.

Respectfully submitted,

Date: June 22, 2005

Diana DiBerardino  
Diana DiBerardino  
Reg. No. 45,653

Fish & Richardson P.C.  
1425 K Street, N.W.  
11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331